

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"5801483".pn.	USPAT	OR	OFF	2008/07/07 05:44
S2	1	"5801483".pn.	USPAT	OR	OFF	2008/12/16 06:59
S3	14	("3748518"   "4075532"   "4703224"   "4967090"   "5309069").PN. OR ("5801483").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/16 07:10
S4	59	("2864966"   "3408223"   "3581137"   "3581139"   "3599029"   "3602757"   "3617357"   "3670194"   "3707641"   "4000436"   "4001628"   "4038203"   "4079288"   "4356428"   "4363998"   "4585673"   "4691140"   "4710674"   "4751426"   "4803400"   "4877651"   "5105122"   "5113118"   "5118985"   "5464462"   "5471113"   "5528107"   "5552665"   "5602444"   "5604396"   "5666031"   "5714836"   "5726528"   "5801483"   "5859496"   "5869927"   "5961883"   "6018216"   "6045721"   "6348763"   "6583566"   "6777867").PN. OR ("3748518"   "5309069"   "6906475"   "7030549").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/16 07:33
S5	28	S4 and protect\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/16 07:33
S6	5	("4670688"   "5051653"   "5087523"   "5604396"   "5614783").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/16 07:44
S7	0	phosphate near3 scandium and protect\$4 adj (layer film) and lamp	USPAT	OR	OFF	2009/06/30 14:58
S8	0	phosphate near3 scandium and protect\$4 adj (layer film) and lamp	USPAT	OR	ON	2009/06/30 14:58
S9	2	phosphate with scandium and protect\$4 adj (layer film) and lamp	USPAT	OR	ON	2009/06/30 14:58
S10	7	phosphate with sc and protect \$4 adj (layer film) and lamp	USPAT	OR	ON	2009/06/30 14:59

S11	0	"scpo.sub.4" and protect\$4 adj (layer film) and lamp	USPAT	OR	ON	2009/06/30 15:01
S12	0	"scp o.sub.4" and protect\$4 adj (layer film) and lamp	USPAT	OR	ON	2009/06/30 15:01
S13	0	"sc po.sub.4" and protect\$4 adj (layer film) and lamp	USPAT	OR	ON	2009/06/30 15:02
S14	0	"scpo.sub.4" and protect\$4 adj (layer film) and lamp	US-PGPUB; USPAT	OR	ON	2009/06/30 15:02
S15	0	\$sc\$"po.sub.4" and protect\$4 adj (layer film) and lamp	US-PGPUB; USPAT	OR	ON	2009/06/30 15:02
S16	6	\$sc\$"po.sub.4" and lamp	US-PGPUB; USPAT	OR	ON	2009/06/30 15:02
S17	123	(scandium sc) with phosphate and lamp	US-PGPUB; USPAT	OR	ON	2009/06/30 15:04
S18	1	"4,544,997".pn.	US-PGPUB; USPAT	OR	ON	2009/06/30 15:19
S19	1	(09/771874).APP.	USPAT; USOCR	OR	OFF	2009/06/30 15:20
S20	6	("4544997"   "5336971"   "5665660"   "5753999"   "5844357"   "6281625").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 15:20
S21	19	("4544997").URPN.	USPAT	OR	OFF	2009/06/30 15:22
S22	3	lamp and protect\$4 adj (layer film) with stem	USPAT	OR	OFF	2009/07/06 05:56
S23	6	lamp and protect\$4 adj (layer film) with stem	US-PGPUB; USPAT	OR	OFF	2009/07/06 05:58
S24	14	lamp and protect\$4 adj (layer film) with stem	US-PGPUB; USPAT	OR	ON	2009/07/06 05:58
S25	27	phosphate with (scandium sc) and protect\$4 adj (layer film coat\$3) and lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 08:31
S26	0	WO2004013892	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 08:57
S27	5	"2004013892"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 08:57
S28	1	2004-203647.NRAN.	DERWENT	OR	OFF	2009/12/15 08:57

S29	0	"scpo.su.4" and protect\$4 adj (layer film coat\$3) and lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 08:59
S30	0	"sc po.sub.4" and protect\$4 adj (layer film coat\$3) and lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 08:59
S31	0	"scpo.sub.4" and protect\$4 adj (layer film coat\$3) and lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 08:59
S32	0	"po.sub.4sc" and protect\$4 adj (layer film coat\$3) and lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 09:00
S33	0	"po.sub.4 sc" and protect\$4 adj (layer film coat\$3) and lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 09:00
S34	0	"p o.sub.4 sc" and protect\$4 adj (layer film coat\$3) and lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 09:00
S35	0	sc\$ "po.sub.4" and protect\$4 adj (layer film coat\$3) and lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 09:00
S36	21	sc with "po.sub.4" and protect \$4 adj (layer film coat\$3) and lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 09:01
S37	7	("4544997"   "5336971"   "5665660"   "5753999"   "5844357"   "6281625").PN. OR ("6583551").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/15 09:08

S38	26	sc with "\$po.sub.4" and protect \$4 adj (layer film coat\$3) and lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 09:18
S39	0	sc with "\$p o.sub.4" and protect \$4 adj (layer film coat\$3) and lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 09:18
S40	0	scandium with "\$po.sub.4" and protect\$4 adj (layer film coat \$3) and lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 09:21
S41	4267	313/493,489,634,635.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 11:03
S42	2441	313/493,489,634,635.ccls.	USPAT	OR	ON	2009/12/15 11:03
S43	164	313/493,489,634,635.ccls. and (phosphate "\$po.sub.4"\$)	USPAT	OR	ON	2009/12/15 11:04
S44	226	"30,165"	USPAT	OR	ON	2009/12/15 11:14
S45	0	"30,165".pn.	USPAT	OR	ON	2009/12/15 11:15
S46	0	"30,165".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/15 11:15
S47	415	"30,165"	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/15 11:15
S48	478944	"30,165" lamp	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/15 11:16
S49	44	"30,165" and lamp	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/15 11:16
S50	12	phosphate with sc and protect \$4 adj (layer film) and lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 18:06
S51	45	(sc scandium) with (phosphate "po.sub.4") and protect\$4 adj (layer film coat\$3) and lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 18:15

S52	33	S51 not S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 18:15
S53	0	("po.sub.4sc" "po.sub.4 sc" "sc po.sub.4" "scpo.sub.4") and protect\$4 adj (layer film coat \$3) and lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 18:16
S54	0	("po.sub.4sc" "po.sub.4 sc" "sc po.sub.4" "scpo") and protect \$4 adj (layer film coat\$3) and lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 18:16
S55	0	(sc near po) and protect\$4 adj (layer film coat\$3) and lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 18:17
S56	1	"20050206320"	FPRS; EPO; JPO; DERWENT	OR	ON	2009/12/18 18:26
S57	1	2004-043867.NRAN.	DERWENT	OR	OFF	2009/12/18 18:26
S58	3	"7239072"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/12/18 18:28
S59	1	(10/510296).APP.	USPAT; USOCR	OR	OFF	2009/12/18 18:30
S60	2	"20050194905"	USPAT; USOCR; DERWENT	OR	OFF	2009/12/18 18:32
S61	1	2003-812802.NRAN.	DERWENT	OR	OFF	2009/12/18 18:32

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S62	14	(sc scandium) with (phosphate "po.sub.4") and protect\$4 adj (layer film coat\$3) and lamp	USPAT; UPAD	OR	ON	2009/12/18 19:04
S63	42	(sc scandium) with (phosphate "po.sub.4") and protect\$4 adj (layer film coat\$3) and lamp	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/18 19:05

**12/ 18/ 09 7:24:33 PM**

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